58363-1-U
SRI B91 issue

ATTENTION

The attached pages have been prepared to correct errors in the **"1989 Washington State Annual Summary of Vital Statistics."** Please insert the corrected pages in your 1989 Summary.

Errata issued June 1990

Births in Washington State by Selected Topics, 1989

I. Occurrence, Method of Birth Delivery by Obstetric Procedure

Method of Delivery	Total	None	Amnio-Centesis	Electronic Fetal Monitoring	Induction of Labor	Stimulation of Labor	Tocolysis	Ultrasound	Other	Unknown
Total	74,030	9,088	3,306	44,974	8,247	8,701	1,501	33,817	1,795	9,453
Unknown	7,744	159	27	272	48	62	11	185	17	7,209
Vaginal Delivery	45,775	6,778	1,649	31,292	5,520	5,637	844	21,584	1,141	1,282
Vaginal Delivery after Prev. C-Section	1,870	193	100	1,371	255	292	53	1,069	42	62
Primary C-Section	8,312	562	701	5,857	1,428	1,559	311	5,015	362	423
Repeat C-Section without Trial Labor	3,937	602	469	1,722	25	21	96	2,484	71	246
Repeat C-Section with Trial Labor	1,097	91	87	750	144	127	22	662	30	55
Outlet Forceps	2,595	235	138	1,949	406	569	103	1,458	40	96
Vacuum Extraction	2,581	440	128	1,709	412	424	55	1,313	82	65
Other	119	28	7	52	9	10	6	47	10	15

J. Occurrence, Type of Place

	Number	Percent
Total	74,030	100.0%[1]
General Hospital	68,274	92.2
Federal Facility	3,946	5.3
Home	1,314	1.8
Birth Center	229	.3
Born on Arrival	79	.1
Other and Unknown	188	.3

[1]Detail may not add to 100% due to rounding.

Table 19

Live Births by Institutions by Place of Occurrence, Washington State 1989

County and City	Total	General Hospital	Birth Center	Federal Facility	Home	Born On Arrival	Other and Not Stated
State Total	74,030	68,274	229	3,946	1,314	79	188
Adams	296	293			3		
Asotin							
Benton	2,145	2,137			8		
Kennewick	891	889			2		
Richland	911	908			3		
Chelan	1,247	1,227			20		
Wenatchee	1,150	1,142			8		
Clallam	728	705			18	1	4
Port Angeles	632	622			9	1	
Clark	2,423	2,366			54	1	2
Vancouver	2,397	2,366			30	1	
Columbia	1				1		
Cowlitz	1,413	1,386			26	1	
Kelso	7				7		
Longview	1,401	1,386			14	1	
Douglas	11				10		1
Ferry	10	7			3		
Franklin	642	637			3		2
Pasco	638	637			1		
Garfield							
Grant	710	694			14	1	1
Moses Lake	588	583			5		
Grays Harbor	720	709			11		
Aberdeen	710	708			2		
Island	725	333		372	18	1	1
Oak Harbor	7	2			5		
Jefferson	153	140			13		
King	25,422	25,002	18		327	36	39
Auburn	822	806			15	1	
Bothell	9				9		
Bellevue	2,459	2,446			12	1	
Des Moines	3				3		
Kent	34				34		
Kirkland	2,092	2,048	1		13	1	29
Mercer Island	4	1			3		
Redmond	1,673	1,656			14	3	
Renton	2,926	2,906			16	4	
Seattle	13,991	13,773	17		166	25	10
Kitsap	2,645	1,916		682	43	3	1
Bremerton	1,932	1,916			13	3	
Kittitas	268	262			5		1
Ellensburg	266	262			4		
Klickitat	231	229			2		
Lewis	906	777			129		
Centralia	724	702			22		
Lincoln	12	11			1		
Mason	177	165			11		1
Okanogan	528	516			10	1	1
Pacific	38	30			8		
Pend Oreille	30	29			1		
Pierce	10,669	7,919	87	2,478	125	7	53
Puyallup	1,536	1,518			18		
Tacoma	6,556	6,401	87		61	7	
San Juan	9				7		2
Skagit	1,440	1,284	121		29	1	5
Anacortes	215	203			11		1
Mount Vernon	904	772	121		7	1	3
Skamania	3				3		
Snohomish	5,411	5,177			215	5	14
Edmonds	1,656	1,639			16		1
Everett	3,066	3,020			41	4	1
Lynnwood	15				15		
Mountlake Terrace	6				6		
Spokane	6,155	5,678		414	52	5	6
Spokane (city)	5,704	5,654			39	5	6
Stevens	328	314			13	1	
Thurston	2,112	1,987	3		67	4	51
Lacey	2				2		
Olympia	2,091	1,986	3		47	4	51
Wahkiakum							
Walla Walla	831	828			3		
Walla Walla (city)	831	828			3		
Whatcom	1,690	1,630			52	5	3
Bellingham	1,665	1,630			27	5	3
Whitman	343	341			2		
Pullman	306	304			2		
Yakima	3,558	3,545			7	6	
Yakima (city)	2,648	2,639			4	3	

Table 20 (continued)

Deaths in Washington State by Selected Topics, 1989

E. Residents, Leading Causes of Death

Rank	Causes of Death with International List Numbers		Number	Percent[1]
	All Causes		36,049	100.0%
1	Diseases of the Heart	391-392.0,393-398,402,404,410-417,420-429	11,162	31.0
2	Malignant Neoplasms	140-208,230-234	8,704	24.1
3	Cerebrovascular Disease	430-438	2,678	7.4
4	Chronic Obstructive Pulmonary Diseases	490-496	1,882	5.2
5	All Accidents	E800-949	1,671	4.6
6	Influenza and Pneumonia	480-487	1,325	3.7
7	Diabetes Mellitus	250	699	1.9
8	Suicide	E950-959	644	1.8
9	Arteriosclerosis	440	467	1.3
10	Diseases of the Arteries Except Arteriosclerotic	441-444, 446-448	467	1.3
	All Other Causes		6,350	17.7

F. Residence and Occurrence, Month of Death

Month	Residence	Occurrence
Total	36,049	36,205
January	3,214	3,218
February	3,093	3,081
March	3,335	3,321
April	2,917	2,919
May	3,055	3,048
June	2,838	2,872
July	2,915	2,930
August	2,752	2,789
September	2,878	2,910
October	2,981	2,991
November	2,900	2,925
December	3,171	3,201

G. Residents, Marital Status by Sex

	Total	Male	Female	Unk
Total	36,049	18,598	17,448	3
Single	3,803	2,535	1,266	2
Married	15,569	10,719	4,850	
Divorced	3,731	2,120	1,611	
Widowed	12,835	3,130	9,704	1
Unknown	111	94	17	

H. Occurrence, Type of Place

	Total
	36,205
General Hospitals	15,623
Nursing Home	9,764
Home	8,218
Federal Facility	888
Psychiatric Hospital	38
Dead On Arrival	37
Other and Unknown	1,637

[1]Detail may not add to 100% due to rounding.

S02640A-HDE

Table 23

Deaths Due to Malignant Neoplasm by Primary Site with Rates[1] by Sex, Washington State Residents 1989

Cause with International List Number	Total[2]		Male		Female	
	Number	Rate	Number	Rate	Number	Rate
Total All Causes	[8,704][3]	[186.8]	[4,592]	[197.6]	[4,111]	[175.9]
Lip, Oral Cavity, and Pharynx (140-149)	[162]	[3.5]	[97]	[4.2]	[65]	[2.8]
Digestive Organs and Peritoneum (150-159)	[2,001]	[42.9]	[1,085]	[46.7]	[916]	[39.2]
Esophagus (150)	166	3.6	121	5.2	45	1.9
Stomach (151)	227	4.9	139	6.0	88	3.8
Small Intestine, including Duodenum (152)	16	0.3	8	0.3	8	0.3
Colon (153)	780	16.7	403	17.3	377	16.1
Rectum (154)	129	2.8	69	3.0	60	2.6
Liver and Intrahepatic Ducts (155)	144	3.1	89	3.8	55	2.4
Gallbladder and Extrahepatic Bile Ducts (156)	58	1.2	19	0.8	39	1.7
Pancreas (157)	429	9.2	212	9.1	217	9.3
Retroperitoneum and Peritoneum (158)	7	0.2	3	0.1	4	0.2
Other and Ill-defined Sites (159)	45	1.0	22	0.9	23	1.0
Respiratory and Intrathoracic Organs (160-165)	[2,600][3]	[55.8]	[1,621]	[69.7]	[978]	[41.9]
Lung (162)	2,512[3]	53.9	1,545	66.5	966	41.3
Other and Ill-defined Sites (160-161,163-165)	88	1.9	76	3.3	12	0.5
Bone, Connective Tissue, Skin and Breast (170-175)	[986]	[21.2]	[133]	[5.7]	[853]	[36.5]
Bone and Articular Cartilage (170)	26	0.6	16	0.7	10	0.4
Connective Tissue and Other Soft Tissue (171)	63	1.4	36	1.5	27	1.2
Skin (172-173)	120	2.6	76	3.3	44	1.9
Breast (174-175)	777	16.7	5	0.2	772	33.0
Genital Organs (179-187)	[1,031]	[22.1]	[578]	[24.9]	[453]	[19.4]
Urinary Organs (188-189)	[390]	[8.4]	[243]	[10.5]	[147]	[6.3]
Brain (191)	[234]	[5.0]	[133]	[5.7]	[101]	[4.3]
Lymphatic and Hematopoietic Tissue (200-208)	[865]	[18.6]	[478]	[20.6]	[387]	[16.6]
Lymphosarcoma (200)	180	3.9	94	4.0	86	3.7
Hodgkins Disease (201)	23	0.5	16	0.7	7	0.3
Multiple Myeloma and Immunoproliferative Tissue (203)	180	3.9	90	3.9	90	3.9
Lymphoid Leukemia (204)	92	2.0	58	2.5	34	1.5
Myeloid Leukemia (205)	187	4.0	105	4.5	82	3.5
Monocytic Leukemia (206)	4	0.1	1		3	0.1
Other and Unspecified Leukemia (207-208)	41	0.9	22	0.9	19	0.8

[1] Rates per 100,000 estimated population.
[2] Group totals are shown in brackets.
[3] These totals contain 1 case of unknown sex.

Table 41

Infant Mortality by Leading Causes by Place of Residence, Washington State 1989

County and City	Total All Causes	Birth Injuries	Other Causes Of Mortality In Early Infancy	Congenital Malformations	Influenza and Pneumonia	All Accidents	Sudden Infant Death	All Other Causes
State Total	686	69	180	148	4	19	196	70
Adams	3		1				1	1
Asotin	5						5	
Benton	23	5	9	4			2	3
Kennewick	13	2	4	3			1	3
Richland	5	1	4					
Chelan	10		3	2			3	2
Wenatchee	4		1	1			1	1
Clallam	3	1		1			1	
Port Angeles	1						1	
Clark	30	2	9	6			8	5
Vancouver	8		4	1			2	1
Columbia								
Cowlitz	6		2	2			2	
Kelso								
Longview	5		1	2			2	
Douglas	4		1	2			1	
Ferry								
Franklin	6			1		2	3	
Pasco	5					2	3	
Garfield								
Grant	7		1	3			3	
Moses Lake	4		1	1			2	
Grays Harbor	9	1	3				4	1
Aberdeen	5	1	1				3	
Island	6	1	1	2		1	1	
Oak Harbor	1						1	
Jefferson	4		1	1			2	
King	180	19	53	35	2	3	50	18
Auburn	8	2	3	2		1		
Bellevue	14		5	4			1	4
Bothell (part)								
Des Moines	2		2					
Kent	4	1		1			2	
Kirkland	5			2			3	
Mercer Island								
Redmond	2						2	
Renton	4			1			2	1
Seattle	66	5	21	12		2	21	5
Kitsap	25	1	7	8		2	3	4
Bremerton	11		3	5		1	1	1
Kittitas	5		2	2			1	
Ellensburg	2			2				
Klickitat	4	2		1			1	
Lewis	14	2	2	3		1	6	
Lincoln								
Mason	5		1				4	
Okanogan	6	2	1	1			2	
Pacific	3	1		1			1	
Pend Oreille	1						1	
Pierce	108	10	28	28	1	6	21	14
Puyallup								
Tacoma	40	5	7	10		3	8	7
San Juan	2		1	1				
Skagit	13	1	5	1			6	
Mount Vernon	2		2					
Skamania								
Snohomish	68	5	13	17		2	23	8
Edmonds	8	1	1	2			4	
Everett	15		3	4			4	4
Lynnwood	9		5	1			2	1
Mountlake Terrace	2			1			1	
Spokane	51	5	14	9		1	17	5
Spokane (city)	33	2	7	6			14	4
Stevens	5		1	4				
Thurston	16	3	5				7	1
Lacey	1		1					
Olympia	5	1	2				2	
Wahkiakum	1		1					
Walla Walla	5		1	1		1	1	1
Walla Walla (city)	2		1			1		
Whatcom	11	1	4	3			3	
Bellingham	3		1				2	
Whitman	6	1	1	3			1	
Pullman	3		1	2				
Yakima	41	6	9	6	1		12	7
Yakima (city)	9	1	2	2			2	2